

## ABSTRACT

A fuel cell bipolar separator plate of variable length is formed from a sheet having a fixed width. The sheet is passed through a tool a predetermined distance and a pattern of ribs is formed on a central portion of the sheet with the tool to define a segment along the length of the sheet. The ribs define a fuel flow path on a first side of the sheet and an oxidant flow path on an opposed second side of the sheet. The sheet is passed through a tool a predetermined distance and the steps of forming the pattern on the sheet and passing the sheet through the tool are repeated until the sheet possesses a desired length, at which point the sheet is cut to a desired length.